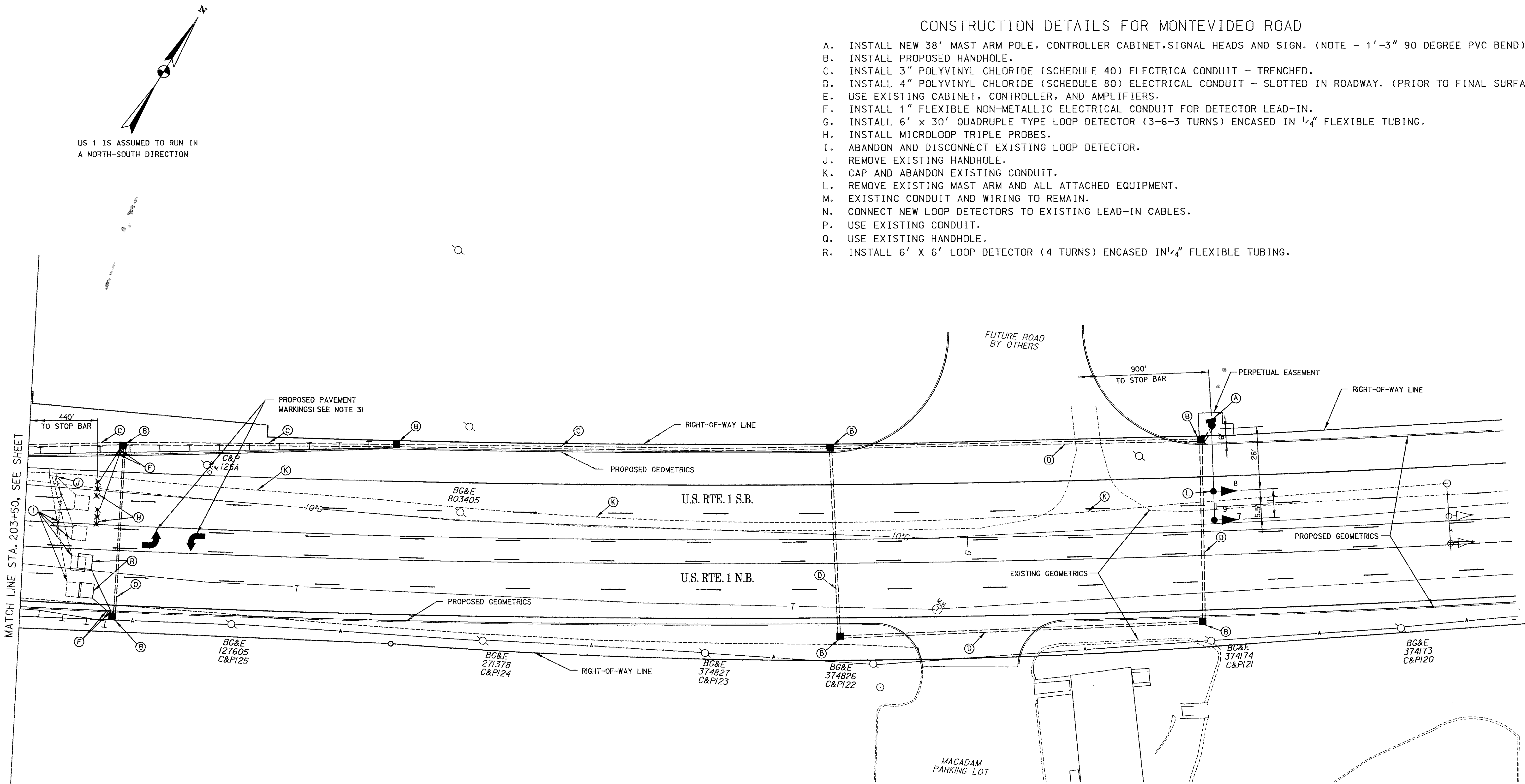


CONSTRUCTION DETAILS FOR MONTEVIDEO ROAD

- A. INSTALL NEW 38' MAST ARM POLE, CONTROLLER CABINET, SIGNAL HEADS AND SIGN. (NOTE - 1'-3" 90 DEGREE PVC BEND)  
B. INSTALL PROPOSED HANDHOLE.  
C. INSTALL 3" POLYVINYL CHLORIDE (SCHEDULE 40) ELECTRICAL CONDUIT - TRENCHED.  
D. INSTALL 4" POLYVINYL CHLORIDE (SCHEDULE 80) ELECTRICAL CONDUIT - SLOTTED IN ROADWAY. (PRIOR TO FINAL SURFACE).  
E. USE EXISTING CABINET, CONTROLLER, AND AMPLIFIERS.  
F. INSTALL 1" FLEXIBLE NON-METALLIC ELECTRICAL CONDUIT FOR DETECTOR LEAD-IN.  
G. INSTALL 6' x 30' QUADRUPEL TYPE LOOP DETECTOR (3-6-3 TURNS) ENCASED IN 1/4" FLEXIBLE TUBING.  
H. INSTALL MICROLOOP TRIPLE PROBES.  
I. ABANDON AND DISCONNECT EXISTING LOOP DETECTOR.  
J. REMOVE EXISTING HANDHOLE.  
K. CAP AND ABANDON EXISTING CONDUIT.  
L. REMOVE EXISTING MAST ARM AND ALL ATTACHED EQUIPMENT.  
M. EXISTING CONDUIT AND WIRING TO REMAIN.  
N. CONNECT NEW LOOP DETECTORS TO EXISTING LEAD-IN CABLES.  
P. USE EXISTING CONDUIT.  
Q. USE EXISTING HANDHOLE.  
R. INSTALL 6' x 6' LOOP DETECTOR (4 TURNS) ENCASED IN 1/4" FLEXIBLE TUBING.



NOTES:

1. THE SIGNAL CONTRACTOR SHALL CONFIRM GEOMETRICS PRIOR TO THE INSTALLATION OF SIGNAL EQUIPMENT.  
2. LOOP DETECTORS AND CONDUIT SHALL BE INSTALLED PRIOR TO THE INSTALLATION OF PAVEMENT MARKINGS  
3. PROPOSED PAVEMENT MARKINGS ARE TO BE INSTALLED BY THE CONTRACTOR IN ACCORDANCE WITH S.H.A. STANDARDS. PROPOSED PAVEMENT MARKING DETAILS ARE SHOWN ON THE SIGNING AND PAVEMENT MARKING PLAN.  
4. ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC AND ARE NOT TO BE CONSIDERED COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING ALL UTILITY COMPANIES PRIOR TO CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN THE UTILITIES AND THE TRAFFIC SIGNAL WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE APPROPRIATE PROJECT ENGINEER IMMEDIATELY.

UTILITY LEGEND

—G—	GAS MAIN
—W—	WATER MAIN
—S—	SEWER MAIN
—E—	ELECTRICAL CABLES
—A—	AERIAL CABLES
—T—	TELEPHONE CABLES

REVISIONS	APPROVALS
	TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
	ASST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
	DIRECTOR, TRAFFIC & SAFETY
① REPLACE DETECTION AND ADVANCED WARNING MAST ARM ASSEMBLY ON US 1. 2/14/00 S.H.A. NO. H07615176	
JCR	



MARYLAND DOT - STATE HIGHWAY ADMINISTRATION  
Office of Traffic & Safety  
TRAFFIC ENGINEERING DESIGN DIVISION

TRAFFIC SIGNAL PLAN  
U.S. RTE. 1 AT MONTEVIDEO ROAD

DRAWN BY: B. THOMPSON  
CHECKED BY: D. DODA  
SCALE: 1" = 20'  
DATE: 3/14/84

F.A.P. NO. NH-251-1(35)N  
S.H.A. NO. H0644-501-785  
COUNTY: HOWARD  
LOG MILE: 13000106.10

TS NO. TS-1953  
T.I.M.S. NO. N/A

SHEET NO. 46 OF 95